

DIESEL GENERATOR SET

Genset Main Technical Data

MODEL	Voltage	Power rating		Voltage available
		Prime ^①	Standby ^②	
75Vitolux-3	400V/50Hz PF:0.8	54KW 69KVA	60KW 75KVA	400/230V

General Technical Data

Control System Manufacturer:	Smartgen	MCCB Manufacturer:	CHINT
Control Model:	HGM6120NC	MCCB Model	NCM

Engine Technical Data

Number of cylinders	4
Cylinder arrangement	Vertical in-line
Cycle	Four stroke
Bore and Stroke(mm):	105*120mm
Displacement::	4.15L
Prime power/speed (kW/RPM)	66kw/1500
Speed governor	Mechanical
Cooling system	Forced Water Cooling Cycle
Steady speed droop (%)	≤1%
Starter motor	DC12V,
Alternator	DC12V
Fuel Consumption 100% load	18.6L/H

Alternator Technical Data

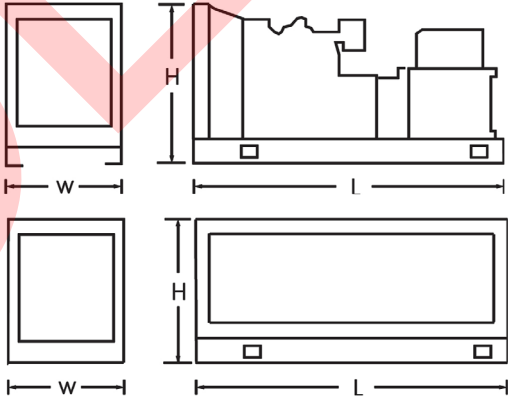
Exciter type	Brushless, Self-excited
Rated output prime power	60kw
Rated speed	1500 RPM
Rated frequency	50 Hz
Phase	3
Rated voltage	400 V
Power factor	0,8
Voltage adjust range	≥5%
Voltage regulation NL-FL	≤±1%
Insulation grade	H
Protection grade	IP21

Dimensions

Length (L)	2400mm
Width (W)	960mm
Height (H)	1300mm
Net Weight	1250KGS

Certificates

Engine	ISO 3046,BS 5514,DIN 6271
Alternator	UTE NFC 51-111-105-110ICE34-1, BS 5000-4999 NEMA MG 21,VDE 0530
Generator Set	ISO 8528



(1)Prime Power: ratings are as per DIN 6271,BS55114 and ISO-3046 with 10% overload capacity
(2)Standby Power: Power available at variable load for up to a max. of 500 hours during one year of which 300 hours may be for continuous use
(3)Operation at Altitude ≤1500m, Ambient temperature ≤ 40℃).If altitude higher than 1500m, each 100m will cause additional de-rating 1%.

Certificacion ISO 9001:2000